

TABLE OF CONTENTS

Section	Page
Part I: Introduction	
• Genesis of the Integrated List.....	1
• Sublists.....	2
• Integrated Water Quality Monitoring and Assessment Methods.....	4
• Integrated Report Package.....	4
• The 2002 Integrated List and the Public Process.....	5
• Sublist 5 of the 2002 Integrated List (New Jersey's 2002 list of water quality limited waterbodies 303(d)).....	5
• New Jersey Water Quality and Designated Use Support Summary.....	6
Data Solicitation.....	9
Executive Summary and Major Findings.....	11
Part II: Background	
• New Jersey Resources.....	20
• Designated Use Summary Tables.....	24
Part III: Surface Water Assessment and Program Update	
Chapter 1 Spatial Extent and Comprehensive Assessment.....	27
Chapter 2: Chemical Water Quality Assessment.....	32
Section 2.1: Non-Tidal Rivers.....	32
Section 2.1a: Conventional Assessments.....	35
Section 2.1b: Metal Assessments.....	72
Section 2.2: Tidal Rivers and Coastal Waters.....	121
Section 2.2a: Conventional Assessments.....	121
Section 2.2b: Metal Assessments.....	123
Chapter 3: Designated Use Assessment.....	128
Section 3.1: River and Stream Designated Use Assessment.....	128
Section 3.1a: River and Stream Aquatic Life Use Assessment.....	128
Section 3.1b: River and Stream Recreational Use Assessment.....	135
Section 3.1c: River and Stream Drinking Water Use Assessment.....	142
Section 3.1d: River and Stream Agricultural Use Assessment.....	150
Section 3.1e: River and Stream Industrial Use Assessment.....	151
Section 3.2: Lake Water Designated Use Assessment.....	155
Section 3.2a: Lakes Aquatic Life Designated Use Assessment.....	155
Section 3.2b: Lakes Recreational Designated Use Assessment: Sanitary Quality...161	161
Section 3.2c: Lake Recreational Designated Use: Aesthetics.....	165

Section 3.3: Estuary and Coastal Designated Use Assessment.....	169
Section 3.3a: Estuary and Ocean Aquatic Life Designated Use Assessment.....	169
Section 3.3b: Estuary and Ocean Recreational Designated Use Assessment.....	177
Section 3.3c: Shellfish Consumption Designated Use Assessment.....	182
Section 3.3d: The Barnegat Bay, Land Use and Water Quality.....	187
Section 3.3e: Harmful Algal Blooms.....	188
 Chapter 4: Fish Advisories, Program Updates, and Monitoring Schedule.....	190
Section 4.1: Fish Consumption Advisories.....	190
Section 4.1a: Current Status.....	192
Section 4.1b: New Jersey Mercury Task Force.....	200
 Section 4.2: Program Updates.....	202
Section 4.2a: Progress in Watershed Restoration and Program.....	202
Section 4.2b: NY-NJ Harbor Program.....	232
 Section 4.3: Monitoring Schedule.....	243
 List of Acronyms.....	255
 Literature Cited.....	257
 Appendix IA: New Jersey's Integrated List (Sublist 1-5).....	IA-1
Appendix IB: Sublist 5 with Priority Ranking.....	IB-1
Appendix IC: TMDL or Other Responses to be Completed by 2004.....	IC-1
Appendix ID: Integrated List (Sublist 1-5) Errata Sheet.....	ID-1
 Appendix II: Data Summary.....	II-1